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Proposed Maximum Residue Limit PMRL2012-44

# Metalaxyl

*(publié aussi en français)*

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has concluded that the addition of mustard seeds (oilseed and condiment types) to the product label of Prosper FX Flowable Insecticide and Fungicide Seed Treatment, containing technical grade metalaxyl, carbathiin, clothianidin and trifloxystrobin, is acceptable. The specific uses approved in Canada are detailed on the label of Prosper FX, *Pest Control Products Act* Registration Number 29159.

The evaluation of this application indicated that the end-use product has merit and value and the human health and environmental risks associated with the new uses are acceptable. Details regarding the registration can be found in the corresponding Evaluation Report available in the Pesticides and Pest Management section of Health Canada's website, under Public Registry, Pesticide Product Information Database.[1]

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for metalaxyl is being conducted via this document (see Next Steps, the last section of this document). MRL consultation for the remaining pesticides in Prosper FX Flowable Insecticide and Fungicide Seed Treatment is being conducted under separate actions.

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRLs in Canada in or on food, to replace or be added to the MRLs already legally established for metalaxyl, are as follows.

[1] The relevant report can be accessed by selecting Applications/Amendment/Historical and requesting the Evaluation Report found under Application Number 2009-5141.

**Table 1 Proposed Maximum Residue Limits for Metalaxyl**

| Common Name | Residue Definition | MRL (ppm) | Food Commodity |
|---|---|---|---|
| Metalaxyl | *N*-(2,6-dimethylphenyl)-*N*-(methoxyacetyl)-DL-alanine methyl ester, including metabolites that can be converted to the 2,6-dimethylaniline moiety, each expressed as metalaxyl equivalents | 0.1 | Rapeseed Subgroup (Crop Subgroup 20A),[a] mustard seeds (condiment type)[b] |

ppm = parts per million

[a] An MRL of 0.1 ppm is currently established for "rapeseeds (canola)". This action proposes to extend the same MRL to the remaining food commodities within Crop Group 20A.

[b] An MRL of 0.1 ppm is currently established for "mustard seeds". This action proposes to replace the "mustard seeds" commodity descriptor with specific MRLs for each of the condiment and oilseed types. Oilseed type mustard seeds are captured under Crop Group 20A and condiment type is listed above in Table 1.

MRLs are proposed for each food commodity included in the rapeseed subgroup in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

A list of pesticide MRLs established in Canada, as of the date indicated, can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

**International Situation and Trade Implications**

The MRLs proposed for metalaxyl in Canada do not have corresponding American tolerances or Codex MRLs.[2] American tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide. A listing of established Codex MRLs is available on the Codex Alimentarius Pesticide Residues in Food website, by pesticide or commodity.

**Next Steps**

The PMRA invites the public to submit written comments on the proposed MRLs for metalaxyl up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRLs and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.

[2] The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.